

**Rule 21 Working Group Meeting #45**

**Meeting Date: Tuesday, June 24, 2003**  
**SCE Offices, Fontana CA**  
**Issued July 10, 2003**

**Attendees:**

**Chair:** Scott Tomashefsky

**Participants:**

Aldridge, Pat	SCE
Ball, Greg	PowerLight
Blair, Tom	City of San Diego
Blumer, Werner,	CPUC (phone)
Brown, Gary	CA-ISO
Burnham, Petrina	SDG&E
Cervantes, Jose	City of San Diego
Cook, Bill	SDG&E
Dossey, Tom	SCE
Dowiak, Dan	IR
Fox, Bryan	Capstone
Fukumoto, Paul	IR
Gardner, Susan	RedHawk Energy
Goh, Jeff	PG&E
Horak, John	Basler
Iammarino, Mike	SDG&E
Iliev, Karl	SDG&E
Jackson, Jerry	PG&E
Lacy, Scott	SCE
Luke, Robin	RealEnergy
Martini, Bill	Tecogen
Mejia, Mauricio	Pasadena W.P.
Minnier, Randy,	MPE Consulting
Moreno, Pete	SCE
Osborne, Bill	SDG&E
Panora, Bob,	Tecogen
Prabhu, Edan	Reflective
Redding, Dave	Riverside PU
Sarnsen, Paul	RealEnergy
Skeen, Jim	SMUD
Solt, Chuck	Lindh (phone)
Tunncliff, Dan	SCE
Vaziri, Mohammad	PG&E
Whitaker, Chuck	Endecon

### **Common Meeting**

1. The next meeting will be in San Ramon, California on Tuesday, July 22, 2003 hosted by PG&E. San Ramon is about 40 minutes from Oakland.
2. The IOUs presented their DG updates.
3. Chuck Whitaker reported that IEEE P 1547 was approved in early June, and a webpage will be established in the next month or two. Chuck will lead an evaluation of differences between 1547 and Rule 21 with the goal of resolving the differences (item T101).
4. There was a lot of discussion relative to differences between Utilities on how to handle technical review relative to the grid impact assessment of interconnection applications. Item T122 was created to seek more consistency between utilities in this area. Jerry Jackson was appointed as Champion. PG&E will create a document on its review criteria and solicit input from other utilities.
5. A new request for Certification has been received from Hess. It will be tracked as item T123.
6. Scott Tomashefsky reported that CEC will hold a staff meeting with the CPUC on Thursday June 26 to discuss the proposed new DG OIR to be initiated by the CPUC.
7. The CEC-sponsored Interconnection Guidebook is close to being circulated for Working Group Review and Comment. A \$200 gift certificate is offered as a reward for the best cover design. Everyone is invited to compete.
8. FERC's ANOPR on DG appears to have an uncertain pathway. We anticipate something from FERC in the Sep-Oct 2003 timeframe but are not sure what it will contain at this time. A parallel proceeding at FERC is Standard Market Design, and the two proceedings may or may not be linked.
9. PG&E is still tracking its DG related costs, and PG&E would like to get costs collected by other utilities as well to ensure consistency.
10. PG&E held a Net Metering Fair to address issues related to the Net Metering variety of DG for its customers. It was well attended and useful. PG&E is considering another Fair perhaps for all DG, intended for suppliers and developers in addition to customers. The Working Group generally feels that this would be a good idea.

### **Process Group Breakout**

11. Mike Iammarino provided the SDG&E revised Interconnection application form. The two other IOUs have no comments at this time but expect to have comments. The utilities now must collect DG information from customers for self-gen, for determining exemptions, for determining departing load charges and other reasons. These data requirements are not specific to interconnection. It was decided that the DG application form should not include requirements extraneous to interconnection, but that a separate data form should be created to collect the other data. Champion Iammarino will make the needed changes and reissue the interconnection application form for review. The additional data form will probably be provided to the customer along with the DG interconnection form. However, they do not have to be turned in at the same time; each of the forms will be processed separately, without delaying the other. The data collection forms are not an interconnection issue, and will be coordinated outside of the Rule 21 Working Group. It is important to keep the Working Group focused on interconnection.
12. The application form is attached to the interconnection agreement and becomes part of it. The interconnection agreements will have to be modified to make them consistent with the new application form being developed. Utilities now have between 3 and 7 interconnection agreements apiece. These agreements will be updated and presented for review.

13. The process of installing new DG involves several agreements; an Exemption Agreement, an Interconnection Agreement, a Self-Gen Agreement, agreements with customer and with developer, and so on.
14. There are several categories of Net Metering, each eligible for a different set of incentives. Werner Blumer suggested that these too be considered while the interconnection agreements are being modified.
15. The three IOUs have submitted (or are planning to submit) Advice Letters to attain compliance with AB 58 (Net Energy Metering). Edison is waiting for a directive from the CPUC. PG&E took language directly from AB 58 and inserted it into its filing. SDG&E is planning something similar. With the goal of consistency among IOUs, the three IOUs agreed to file Advice Letters such that their AB 58 filings to show that Section C1e of Rule 21 will incorporate the language of AB 58 Section E51.

**Technical Group Breakout**

16. There has been some discomfort expressed with the anti-islanding testing being performed on synchronous machines. A note to this effect will be drafted, reviewed and posted on the CEC website. This issue has been assigned item number T102 and is in need of a champion. Any champions out there?
17. The Hess certification package is missing documentation that links the controller to Hess gensets. If the Hess controller is approved, it may not be okay for several Hess gensets. Also, Hess tested to an earlier version of IEEE P 1547, and the date shown for the test may be erroneous. UL should provide more documentation relative to the testing. Herb Clowers of Hess and Tim Zgonena of UL have been informed. Hess understands what needs to be done.
18. Several other items such as revision of the inadvertent export statement (delete the word inadvertent because it conveys no additional information), redundancy, network sections, disconnect switch, errors in the line section calculations made good progress and will be further discussed or resolved during the next meeting.

Respectfully Submitted:

Edan Prabhu

Approved:

Scott Tomashefsky